

Project Id	REGION	Project Name
20258	6	Determining the Ideal Bioswale Porous Material for South Texas Stormwater Management
20266	9	Baseline Study and Market Analysis for E-waste in Mexicali, Baja California
20273	9	Ocean Friendly Restaurants Campaign project, Tijuana, Baja California
20274	9	HAZMAT Emergency Response Training Institute Pilot Program in the Ambos Nogales region.
20275	9	Environmental Health and Asthma Awareness in Low-Income Housing Communities of Imperial County (El Centro, Calexico and Brawley), California
20276	9	R9 TRI-RETC Fact Sheets
20277	9	Air Quality Improvement Management Program for Nogales, Sonora
20278	9	Pilot Program for Solid Waste Composting, Tijuana, Baja California
20279	9	Community and Institutional Partnership for Environmental Sanitation Drains, Mexicali, Baja California
20280	9	E-waste Management in Laboratories, Nogales, Sonora
20281	9	Evaluation of the Environmental Health Status along the Arizona-Sonora Border
20282	9	Border 2020 Program Indicators Reports
20283	6	Workshop on Energy Efficiency in Public Lighting Systems in Tamaulipas
20284	9	Strengthening local capacity to Integrate Green Infrastructure for Sediment Control in Nogales, Sonora

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20285	6	Comprehensive Solid Waste Management Rio Bravo and Valle Hermoso, Tamaulipas
20286	6	Comprehensive E-waste Management in Piedras Negras, Coahuila and Eagle Pass, Texas
20287	6	Binational Tabletop and Functional Exercises between the cities of Harlingen, Texas and Matamoros, Tamaulipas
20290	6	The Rio Grande/Río Bravo Water Quality Initiative
20291	6	Fat, Oil and Grease (FOG) Public Outreach Campaign in Brownsville, Texas
20293	6	Law Reform and Environmental Education in Nuevo Laredo, Tamaulipas
20294	6	Clean-up Program, Pharr, Texas
20295	6	Proyecto de Manejo de Residuos Electronicos en Ciudad Acuna, Piedras Negras y Guerrero, Coahuila
20296	9	Zero Waste Plan, and Transfer Station Implementation Plan in Campo Kumeyaay Nation, Campo, California
20297	6	Decision Making Tool (DMTG) for Stormwater in The Lower Rio Grande Valley in Texas
20298	6	Sewage Sludge and Biosolids Agricultural Soils project in the Valle de Juarez, Chihuahua

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20299	9	HAZMAT Capacity Building in the Arizona-Sonora Border Region
20301	9	Green infrastructure in Nogales, Sonora
20302	6	Green Infrastructure in Public Space on Valle del Sol Avenue, Ciudad Juarez, Chihuahua.
20303	6	Healthy and Resilient Housing in west Ciudad Juarez, Chihuahua
20304	6	Air Quality Project to Improve the Air Quality in the Northern Chihuahua basin.

# General Report

Date: July 8, 2016

General Information		
Project Description	Goal	Status
To evaluate performance of parking lot bioswale by comparing its stormwater discharges and solids against those of conventional parking lot with no bioswale, to develop the best performing bioswale mixture from the materials tested in the prototype bioswales.	Goal 2	In Progress
Educating the community of Mexicali on the recyclable value, as well as, threats of toxic materials associated with e-waste	Goal 3	In Progress
Reduce single-use plastic waste generated by the restaurant community in beaches of Tijuana	Goal 3	In Progress
Develop a series of 5 trainings and Hazmat Emergency Response curricula.	Goal 4	In Progress
Implementation of ten (10) Asthma Forums to teach residents about preventing asthma triggers. Activities will also provide referred services of asthmatic children via home visits, and implement the Healthy Homes Training.	Goal 4	In Progress
Will create easy-to-use, and visually appealing fact sheets on pollutant releases for the Arizona/Sonora and California/Baja California border region.	Goal 5	In Progress
Develop an action program to reduce air emissions in Nogales, especially particulate matter (PM10 and PM2.5), through the development of a ProAire program	Goal 1	In Progress
The project consists to develop a colony-level pilot demonstration project for collection of municipal solid waste with source separation, the organic waste will carry to Ecoparque to generate quality compost.	Goal 3	In Progress
The project is a replica of an ecological sanitation community model, whose objective is the permanent remediation of illegal dumps in the city.	Goal 3	In Progress
Develop a pilot project to prevent pollution of laboratory produced e-waste in the city.	Goal 3	In Progress
Conduct a review of available literature, data and other information reaching out to partners on both sides of the border to fully evaluate the Sonora-Arizona border health relative to the rest of the nation.	Goal 5	In Progress
Development of the State of the Border Region 2016 Report required by the Border 2020 Program to provide metrics to measure successful completion of program goals, objectives, and sub-objectives.	Goal 5	In Progress
Train at least 30 public officials from 10 municipalities with basic tools to achieve greater energy efficiency and that this is reflected in a decrease in the emission of greenhouse gases into the atmosphere and in turn into economic savings for municipal utilities	Goal 1	In Progress
A unique and integrated blend of community outreach presentations, intensive design training, and collaborative assessment, design, and construction sessions to implement green infrastructure demonstrations in El Ranchito de Los Alisos -or other selected potential sites- of Nogales, Sonora to reduce sediment contribution to downstream creeks and/or streets of Ambos Nogales.	Goal 2	In Progress

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The project consists of conducting a basic diagnostic of the Comprehensive Management Solid Waste Management Plan in the municipalities of Rio Bravo and Valle Hermoso.	Goal 2	In Progress
The project consists of a program of environmental education and health to join efforts in collecting electrical and electronic solid waste.	Goal 3	In Progress
The Harlingen Fire Department proposes to implement a hazmat training, and tabletop and a functional exercise. Proposed scenario consists of a tanker trailer roll-over accident carrying a petro product spilling into Mexico waterways. The project will involve partnering with first responders from Matamoros, Tamaulipas and Cameron County, Texas. The project will help to promote sustainability by implementing the last update of the sister contingency plan to evaluate its reliability.	Goal 4	In Progress
The University of Texas at Austin proposes to provide information to local binational stakeholders about sources of water pollution to the Rio Grande, and, by gathering information from key stakeholders, inform about potential local solutions to the river's water quality problems in the portion of the river between Falcon Dam and the Gulf of Mexico. The project proposes to organize 5 workshops and develop MOU among stakeholders.	Goal 2	In Progress
The Brownsville Public Utilities Board, a government entity, proposes to advance on Goal 2, Objective 2 by implementing a public FOG campaign, targeting businesses with violations and reaching out to them. It will also provide education through community outreach and public awareness through 4 quarterly workshops. The grant will help leverage funds of \$49,561 from the City.	Goal 2	In Progress
The Universidad Autónoma de Tamaulipas, proposes to advance on Goals 2, 3 and 5 by improving the implementation of environmental legislation, strengthen the environmental cooperation and exchange of information between Nuevo Laredo, Tamaulipas and Laredo, Texas, and train environmental inspectors and staff of the municipal environmental unit. The grant will help leverage funds with \$5,500 from Universidad Autónoma of Tamaulipas.	Goal 5	In Progress
The project consists in educate city residents on environmental sustainability and related proper solid waste disposal methods.	Goal 3	In Progress
Inform and educate residents about the benefits of reusing electronics; the need to practice responsible consumption, as well as the importance of giving an appropriate final destination for these wastes	Goal 3	In Progress
The project consists to prevent open dumping of solid waste in the Tijuana River watershed by developing a comprehensive Zero Waste plan.	Goal 3	In Progress
The project will promote specific research and educational topics emphasizing how green infrastructure strategies can be utilized to mitigate stormwater runoff.	Goal 2	In Progress
The project consists in establish a sustainable program that allows the proper disposal of biosolids on agricultural soils in the region.	Goal 3	In Progress

This project will facilitate data and information exchange by providing WebEOC as well as CAMEO and ALOHA access, training and support to first responders in the border region. WebEOC is a web-based information management system that provides a single access point for the collection and dissemination of emergency or event-related information in an efficient, timely and coordinated manner.	Goal 4	In Progress
Perform a series of demonstration projects which can be replicated. Combined with training courses, provide the population knowledge on good practices in the use of green infrastructure for management of rainwater, mitigation of flood and erosion control and its implementation on small scale projects.	Goal 2	In Progress
By using green infrastructure techniques establish passive rainwater harvesting systems on a community park in the intersection of Avenue Valle del Sol and Solares in the city.	Goal 2	In Progress
Identifying and including green building and infrastructure elements for progressive home building projects in low-income communities of the western area of Ciudad Juarez, The project will seek to identify and include technical assistance services to advance innovative mechanisms, tools, and products (technologies) for building resiliency in housing units. Additionally, the project will offer an alternative source of financing.	Goal 2	In Progress
Establish measures for ProAire of the State of Chihuahua from carrying out thematic workshops with the participation of the federal, state and municipal government and the industrial, academic and social sectors.	Goal 1	In Progress

Managers & Sponsor	Location Information	Technical Assistance
Project Manager	State	Awarded Amount
Armando Herrerias	TX	\$ 26,022.00
Jorge Hernandez	BC	\$ 15,000.00
Jorge Hernandez	BC	\$ 70,180.00
Briselda Duarte	AZ	\$ 82,558.00
Briselda Duarte	CA	\$ 98,519.00
Briselda Duarte	AZ	\$ 18,953.00
Jorge Hernandez	SON	\$ 50,100.00
Jorge Hernandez	BC	\$ 73,482.85
Briselda Duarte	BC	\$ 100,000.00
Jorge Hernandez	SON	\$ 20,894.42
Armando Herrerias	AZ	\$ 37,975.00
Briselda Duarte	TX	\$ 45,000.00
Briselda Duarte	TAMPS	\$ 9,385.00
Armando Herrerias	SON	\$ 53,927.00

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Jorge Hernandez	TAMPS	\$ 20,866.00
Jorge Hernandez	COAH	\$ 36,054.00
Briselda Duarte	TX	\$ 44,683.00
Briselda Duarte	TX	\$ 58,575.00
Briselda Duarte	TX	\$ 25,000.00
Briselda Duarte	TAMPS	\$ 11,000.00
Jorge Hernandez	TX	\$ 36,390.00
Jorge Hernandez	COAH	\$ 16,777.20
Jorge Hernandez	CA	\$ 65,331.50
Jorge Hernandez	TX	\$ 38,885.00
Jorge Hernandez	CHIH	\$ 48,510.00

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Briselda Duarte	AZ	\$ 50,000.00
Armando Herrerias	SON	\$ 40,334.36
Armando Herrerias	CHIH	\$ 43,204.00
Armando Herrerias	CHIH	\$ 50,000.00
Jorge Hernandez	CHIH	\$ 25,000.00

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20299	9	HAZMAT Capacity Building in the Arizona-Sonora Border Region
20301	9	Green infrastructure in Nogales, Sonora

## REGION 9 Border 2020 Active Projects

Date: July 8, 2016

General Information		
Project Description	Goal	Status
Educating the community of Mexicali on the recyclable value, as well as, threats of toxic materials associated with e-waste	Goal 3	In Progress
Reduce single-use plastic waste generated by the restaurant community in beaches of Tijuana	Goal 3	In Progress
Develop a series of 5 trainings and Hazmat Emergency Response curricula.	Goal 4	In Progress
Implementation of ten (10) Asthma Forums to teach residents about preventing asthma triggers. Activities will also provide referred services of asthmatic children via home visits, and implement the Healthy Homes Training.	Goal 4	In Progress
Will create easy-to-use, and visually appealing fact sheets on pollutant releases for the Arizona/Sonora and California/Baja California border region.	Goal 5	In Progress
Develop an action program to reduce air emissions in Nogales, especially particulate matter (PM10 and PM2.5), through the development of a ProAire program	Goal 1	In Progress
The project consists to develop a colony-level pilot demonstration project for collection of municipal solid waste with source separation, the organic waste will carry to Ecoparque to generate quality compost.	Goal 3	In Progress
The project is a replica of an ecological sanitation community model, whose objective is the permanent remediation of illegal dumps in the city.	Goal 3	In Progress
Develop a pilot project to prevent pollution of laboratory produced e-waste in the city.	Goal 3	In Progress
Conduct a review of available literature, data and other information reaching out to partners on both sides of the border to fully evaluate the Sonora-Arizona border health relative to the rest of the nation.	Goal 5	In Progress
Development of the State of the Border Region 2016 Report required by the Border 2020 Program to provide metrics to measure successful completion of program goals, objectives, and sub-objectives.	Goal 5	In Progress
A unique and integrated blend of community outreach presentations, intensive design training, and collaborative assessment, design, and construction sessions to implement green infrastructure demonstrations in El Ranchito de Los Alisos -or other selected potential sites- of Nogales, Sonora to reduce sediment contribution to downstream creeks and/or streets of Ambos Nogales.	Goal 2	In Progress
The project consists to prevent open dumping of solid waste in the Tijuana River watershed by developing a comprehensive Zero Waste plan.	Goal 3	In Progress
This project will facilitate data and information exchange by providing WebEOC as well as CAMEO and ALOHA access, training and support to first responders in the border region. WebEOC is a web-based information management system that provides a single access point for the collection and dissemination of emergency or event-related information in an efficient, timely and coordinated manner.	Goal 4	In Progress
Perform a series of demonstration projects which can be replicated. Combined with training courses, provide the population knowledge on good practices in the use of green infrastructure for management of rainwater, mitigation of flood and erosion control and its implementation on small scale projects.	Goal 2	In Progress

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20303	6	Healthy and Resilient Housing in west Ciudad Juarez, Chihuahua
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## REGION 6 BORDER 2020 Active Projects

Date: July 8, 2016

General Information		
Project Description	Goal	Status
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Train at least 30 public officials from 10 municipalities with basic tools to achieve greater energy efficiency and that this is reflected in a decrease in the emission of greenhouse gases into the atmosphere and in turn into economic savings for municipal utilities	Goal 1	In Progress
The project consists of conducting a basic diagnostic of the Comprehensive Management Solid Waste Management Plan in the municipalities of Rio Bravo and Valle Hermoso.	Goal 2	In Progress
The project consists of a program of environmental education and health to join efforts in collecting electrical and electronic solid waste.	Goal 3	In Progress
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The Brownsville Public Utilities Board, a government entity, proposes to advance on Goal 2, Objective 2 by implementing a public FOG campaign, targeting businesses with violations and reaching out to them. It will also provide education through community outreach and public awareness through 4 quarterly workshops. The grant will help leverage funds of \$49,561 from the City.	Goal 2	In Progress
The Universidad Autónoma de Tamaulipas, proposes to advance on Goals 2, 3 and 5 by improving the implementation of environmental legislation, strengthen the environmental cooperation and exchange of information between Nuevo Laredo, Tamaulipas and Laredo, Texas, and train environmental inspectors and staff of the municipal environmental unit. The grant will help leverage funds with \$5,500 from Universidad Autónoma of Tamaulipas.	Goal 5	In Progress
The project consists in educate city residents on environmental sustainability and related proper solid waste disposal methods.	Goal 3	In Progress
Inform and educate residents about the benefits of reusing electronics; the need to practice responsible consumption, as well as the importance of giving an appropriate final destination for these wastes	Goal 3	In Progress

The project will promote specific research and educational topics emphasizing how green infrastructure strategies can be utilized to mitigate stormwater runoff.	Goal 2	In Progress
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